

Cited in Biological Abstracts; Current Awareness in Biological Sciences (CABS); Current Contents / Life Sciences; Excerpta Medica (EMBASE); Index Medicus; Informedicus; Pascal M

CONTENTS

At the Cutting Edge

- Phosphorylation of insulin-like growth factor binding proteins
J.A. Coverley, R.C. Baxter (Australia) 1
- Quo vadis: extrasomatic targeting of neuronal mRNAs in mammals
S. Kindler, E. Mohr, D. Richter (Germany) 7
- Epitope analysis of the thyrotropin receptor, 1997
S. Kosugi, H. Sugawa, T. Mori (Japan) 11

Research papers

- Development of a dose-response bioassay for stanniocalcin in fish
G.F. Wagner, P. De Niu, E. Jaworski, D. Radman, C. Chiarot (Canada) 19
- Crosstalk during Ca^{2+} -, cAMP-, and glucocorticoid-induced gene expression in lymphocytes
D.R. Dowd, J.S. Ryerse, P.N. MacDonald, R.L. Miesfeld, M.C. Kamradt (USA) 29
- Cleavage-secretion of angiotensin I-converting enzyme in yeast
T.A. Williams, M. Gouttaya, C. Tougard, A. Michaud, M.-T. Chauvet, P. Corvol (France) 39
- Recombinant rat luteinizing hormone; production by Chinese hamster ovary cells, purification and functional characterization
K. Hakola, P.V.D. Boogaart, J. Mulders, R. de Leeuw, W. Schoonen, J.V. Heyst, A. Swolfs, J.V. Casteren, I. Huhtaniemi, H. Kloosterboer (Finland, Netherlands) 47
- Insulin-like growth factors control the regulation of oestrogen and progesterone receptor expression by oestrogens
S.J. Clayton, F.E.B. May, B.R. Westley (UK) 57
- Thyroid hormone activates transcription from the promoter regions of some human nuclear-encoded genes of the oxidative phosphorylation system
R. Li, K. Luciakova, A. Zaid, S. Betina, E. Fridell, B.D. Nelson (Sweden, Slovakia) 69
- Changes in responsiveness of freshly isolated longitudinal muscle cells from rat uterus towards oxytocin during gestation: contractility and calcium signaling
T. Kawarabayashi, T. Tsukamoto, H. Shoji, S. Nakamura, H. Sugimori (Japan) 77
- The function of retinoid X receptors on negative thyroid hormone response elements
T. Takeda, T. Nagasawa, T. Miyamoto, K. Hashizume, L.J. DeGroot (USA, Japan) 85
- Glucose transport correlates with GLUT2 abundance in rat liver during altered thyroid status
H.F. Kemp, H.S. Hundal, P.M. Taylor (UK) 97
- Variation in placental type 2 11β -hydroxysteroid dehydrogenase activity is not related to birth weight or placental weight
F.M. Rogerson, K.M. Kayes, P.C. White (USA) 103
- Calcitonin mRNA is produced in liver by two different splicing pathways
S. Bracq, J. Taboulet, M. Machairas, F. Lasmoles, D. Houssin, M.S. Moukhtar, A. Jullienne (France) 111

Continued on inside back cover

The table of contents of *Molecular and Cellular Endocrinology* is included in ESTOC — Elsevier Science Tables of Contents service — which can be accessed on the World Wide Web at the following URL addresses:
<http://www.elsevier.nl/locate/estoc> or <http://www.elsevier.com/locate/estoc>



MOLECULAR AND CELLULAR ENDOCRINOLOGY

Subscription Information: *Molecular and Cellular Endocrinology* (ISSN 0303-7207). For 1997 vols. 126-136 are scheduled for publication. Subscription prices are available upon request from the Publisher. Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by surface mail except to the following countries where air delivery via SAL mail is ensured: Argentina, Australia, Brazil, Canada, Hong Kong, India, Israel, Japan, Malaysia, Mexico, New Zealand, Pakistan, PR China, Singapore, South Africa, South Korea, Taiwan, Thailand, USA. For all other countries airmail rates are available upon request. Claims for missing issues should be made within six months of our publication (mailing) date.

Orders, claims and product enquiries: please contact the Customer Support Department at the Regional Sales Office nearest you:

New York	Amsterdam	Tokyo	Singapore
Elsevier Science P.O. Box 945 New York, NY 10159-0945 USA Tel. (+1)212-633-3730 [Toll free number for North American customers: 1-888-4ES-INFO (437-4636)] Fax (+1)212-633-3680 e-mail usinfo-f@elsevier.com	Elsevier Science P.O. Box 211 1000 AE Amsterdam The Netherlands Tel. (+31)20-4853757 Fax (+31)20-4853432 e-mail nlinfo-f@elsevier.nl	Elsevier Science 9-15 Higashi-Azabu 1-chome Minato-ku, Tokyo 106 Japan Tel. (+81)3-5561-5033 Fax (+81)3-5561-5047 e-mail kyf04035@niftyserve.or.jp	Elsevier Science No. 1 Temasek Avenue #17-01 Millenia Tower Singapore 039192 Tel. (+65)434-3727 Fax (+65)337-2230 e-mail asiainfo@elsevier.com.sg

Information for Advertisers: Advertising orders and enquiries can be sent to the following: **International:** Elsevier Science, Advertising Department, The Boulevard, Langford Lane, Kidlington, Oxford, OX5 1GB, UK; Tel: (+44) (0) 1865 843565; Fax (+44) (0) 1865 843976. **USA & Canada:** Weston Media Associates, Dan Lipner, P.O. Box 1110, Greens Farms, CT 06436-1110, USA; Tel (203) 261 2500; Fax (203) 261 0101. **Japan:** Elsevier Science Japan, Marketing Services, 1-9-15 Higashi-Azabu, Minato-ku, Tokyo 106, Japan; Tel (+81) 3 5561 5033; Fax (+81) 3 5561 5047.

Contents continued from outside back cover

Regulation of interleukin (IL)-1 α , IL-1 β , and IL-6 expression by growth hormone and prolactin in bovine thymic stromal cells Y.-H. Tseng, M.A. Kessler, L.A. Schuler (USA)	117
Cleavage site mutants of the subtype B insulin receptor are uncleaved and fully functional C. Auzan, A. Debant, B. Rossi, E. Clauser (France)	129
Involvement of a 3 β -hydroxysteroid dehydrogenase activity in ecdysteroid biosynthesis C. Dauphin-Villemant, D. Böcking, C. Blais, J.-Y. Toullec, R. Lafont (France, Germany)	139
A sensitive reverse transcriptase polymerase chain reaction assay for measuring the effects of dehydration and gestation on rat amounts of vasopressin and oxytocin mRNAs J.M. LeMoulllec, S. Jouquey, P. Corvol, F. Pinet (France)	151
Evidence for an important functional role of intracellular loop II of the lutropin receptor L.M. Fernandez, D. Puett (USA)	161
<i>Review Articles</i>	
Obesity, Diabetes and Functions for Proopiomelanocortin-derived Peptides K.G. Mountjoy, J. Wong (New Zealand)	171
Adenylyl cyclases: structure, regulation and function in an enzyme superfamily J. Hanoune, Y. Pouille, E. Tzavara, T. Shen, L. Lipskaya, N. Miyamoto, Y. Suzuki, N. Defer (France)	179
<i>Calendar</i>	195
<i>Notes to authors</i>	

